

Work: Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14

Detailed Measurements

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
KSRB 2-1.1: Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No KBS 2.1(a) / 2.3.1 Ordinary soil --- All terms and conditions are as per tender document.								
Vide pre-measurement page no.					153.20			
					Present Qty	153.20	Cum	263.28 40335.00
KSRB 2-2.1 : Earthwork excavation by manual means in ordinay soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. No KBS 2.1(a) / 2.3.5 --- All terms and conditions are as per tender document.								
Vide pre-measurement page no.					380.39			
					Present Qty	380.39	Cum	316.15 120262.00
KSRB 2.10 : Providing sand cement bed with 5% cement all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications. specification. No KBS 2.10.2 --- All terms and conditions are as per tender document.								
Vide pre-measurement page no.					9.00			
					Present Qty	9.00	Cum	3169.94 28515.00
KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No KBS 4.1, 4.2 --- All terms and conditions are as per tender document.								
Vide pre-measurement page no.					97.86			
					Present Qty	97.86	Cum	
					Upto 125%	90.48	Cum	5491.88 496878.00
					Above 125%	7.38	Cum	5491.88 40538.00



Asst. Engineer

Asst. Executive Engineer
Project Division, Dasarahalli
BBMP, Bangalore

note: Development of park
man layout and scaptable
and no: 14

Work: Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14

Bill of Measurement :

		Detailed Measurements								
Item No	Description of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount	
14	KSRB 14.6: Providing and laying heavy duty cobble stones inter lock pavers using cement and course sand for manufacture of blocks of approved size shape and colour with minimum compressive strength of 281kg per Sqm over 50mm thick sand bed and compacting with plate vibrator having 3tons compaction force there by forcing part of sand underneath to come up in between joints final compaction of pavers surface joints into its final including cost of materials labours and HOM complete as per specifications	Sqm								
	Damaged portion Path way									
	Ramaiah Layout Park									
	Western Side									
	Ch:0.00 to 20.00m		1	20.00	1.45		29.00			
	Ch:0.00 to 25.00m		1	25.00	1.45		36.25			
	Eastern Side									
	Ch:0.00 to 15.00m		1	15.00	1.45		21.75			
	Opp Park									
	Western Side									
	Ch:0.00 to 15.00m		1	15.00	1.50		22.50			
	Ch:0.00 to 20.00m		1	20.00	1.50		30.00			
	Ch:0.00 to 25.00m		1	25.00	1.50		37.50			
Present Qty							177.00	1113.39	197070.00	

D. Sheela
Contractor



S. S. S. S.
Asst. Engineer 23/01/23

T. S. S. S.
Asst. Exec. Engineer
23/01/23
Asst. Executive Engineer
Project Division, Dasarahalli Zone
BBMP, Bangalore

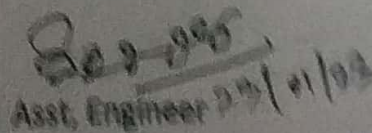
Description of Item		Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
15	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. --- All terms and conditions are as per tender document.								
	NEW KERB STONE	Nos							
	MEI Layout Part-4								
	Gym Platform Area								
	Ch:0.00 to 20.00m		1	1.20			1.20		
	Ch:0.00 to 4.25m		1	4.25			4.25		
	Ch:0.00 to 3.00m		1	3.00			3.00		
	Ch:0.00 to 0.90m		1	0.90			0.90		
	Ch:0.00 to 8.35m		1	8.35			8.35		
	Ch:0.00 to 5.35m		1	5.35			5.35		
	Ch:0.00 to 1.80m		1	1.80			1.80		
	Ch:0.00 to 2.70m		1	2.70			2.70		
	Ch:0.00 to 8.10m		1	8.10			8.10		
	Ch:0.00 to 0.95m		1	0.95			0.95		
	Ch:0.00 to 2.60m		1	2.60			2.60		
	Nele Maheshwari Park								
	Gym Platform Area								
	Entrance		2	5.90			11.80		
	Ch:0.00 to 8.20m		1	8.20			8.20		
	Ch:0.00 to 1.80m		1	1.80			1.80		
	Ch:0.00 to 1.20m		1	1.20			1.20		
	Ch:0.00 to 2.30m		1	2.30			2.30		
	Ramaiah Layout Park								
	Gym Platform Area								
	Ch:0.00 to 5.00m		2	5.00			10.00		
	Ch:0.00 to 2.80m		2	2.80			5.60		
	Children Play Area								
	Ch:0.00 to 9.50m		2	9.50			19.00		
	Ch:0.00 to 4.65m		2	4.65			9.30		
	Benches Platform								
	Ramaiah Layout Park								
			25	1.20			30.00		
			25	1.20			30.00		
			25	1.90			47.50		
	Missing Kerb								
	Ramaiah Layout Park								

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Project Division, Dasarahalli Zone
BBMP, Bangalore

Asst. Engineer 23/01/23

Asst. Exec. Engineer
23/01/23

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Asst. Executive Engineer
Project Division, Disaster Mitigation
Bangor, Bangladesh

Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14

Name of Work: Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14

Description of Item		Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
Detailed Measurements									
Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 20mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, mortar, including cutting, gridding the edge to half/full round wherever required, labour, curing complete as per specification. --- All terms and conditions are as per tender document.									
Nile Maheshwari Park		Sqm							
Gym Equipment Area									
Ch:0.00 to 8.20m			1	8.20	5.80		47.56		
Ch:0.00 to 20.00m			1	1.50	2.30		3.45		
Ch:0.00 to 0.80m			0.5	0.80	0.60		0.24		
Ch:0.00 to 1.20m			1	1.20	0.60		0.72		
Ch:0.00 to 1.87m			1	1.87	0.30		0.56		
Entrance			1	5.90	1.20		7.08		
Ramaiah Layout Park									
Gym Equipment Area									
Ch:0.00 to 12.50m			1	12.50	2.80		35.00		
Opp Park									
Ch:0.00 to 5.00m			1	5.00	4.90		24.50		
Gate Entrance			1	3.20	0.60		1.92		
Ramaiah Layout Park									
Gazlb platform Area									
Area of hexagon=(S Squareroot S2)/2				(3*1.73*3.3*3.3)/2			28.26		
Gazlb platform Area									
Area of Circle									
Circumference=Csquare/4pi C=16.2				(16.2*16.2/4*3.14)			20.89		
MEI Layout Part-4									
Gym Equipment Area									
Ch:0.00 to 5.20m			1	5.20	1.85		9.62		
Ch:0.00 to 8.00m			1	8.00	6.40		51.20		
Ch:0.00 to 7.00m			1	7.00	1.60		11.20		
Ch:0.00 to 6.10m			1	6.10	1.50		9.15		
Ch:0.00 to 1.90m			1	1.90	1.20		2.28		
MEI Layout Part-5									
Gym Equipment Area									
Ch:0.00 to 9.80m			1	9.80	7.00		68.60		



Asst. Engineer 02/01/22

Asst. Executive Engineer
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BBMP, Bangalore

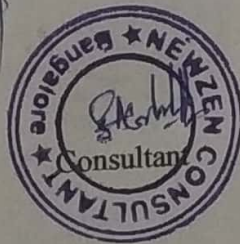
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Detailed Measurements								
Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount

Providing, fabricating and fixing Special Multiplay Systems consists of FRP moulded with Aluminium chequered Platforms of size 5'X5' with 4 Support pillar made out of 75mm dia G.I "B" Pipes fixed in cement concrete 1:2:4. The platforms are to be covered with tubular Slide & Mini Aquva tunnel slide made up of high quality FRP the slide is to fixed at a height of 11' and runs for a length of not less than 20' and the slide should be supported at regular intervals of 6' using M.S. pipes support and the platform ladder with 25mm dia MS pipes with suitable hand rails and steps made out of G I sheet with 4" with powder coated finish, fine quality FRP with suitable design and as per drawing Moulded FRP slides are non-corrossive, fade free, tough grade, durable hard and should prevent UV light. The work should be executed as per the standard specifications and directions of the engineer in charge of the work. (All FRP items are gel water finish or stoving paint i ovens) and as per the drawing and specification and direction of the Engineer in charge of the work. ---- All terms and conditions are as per tender document.

Set								
Nele Maheshwari Park								
		1				1.00		
Ramaiah Layout Park								
Ch 0.00 to 20.00m		1				1.00		
						Present Qty	2.00	
						Upto 125%	1.25	593512.50
						Above 125%	0.75	593512.50
								741891.00
								445134.00

[Signature]
Contractor



[Signature]
Asst, Engineer 23/01/23

[Signature] 23/01/23
Asst, Exec, Engineer
Asst. Executive Engineer
Project Division, Dasarahalli Zone
BBMP, Bangalore

Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14

Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14

Detailed Measurements								
Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
Supply & fixing of Pull Down Challenger (Shoulder Press) (Area - 4'6" X 3' Height 7') : All tubular steel of 2.5mm thickness are galvanized and zinc dipped. All welded joints are scalloped as necessary and welded. All welds are dressed off removing all sharp edges and burrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance - free self greased SKF ball bearings. Scope of delivery : 1 completely pre assembled equipments modules. This equipment is powder coated ---- All terms and conditions are as per tender document.								
	Nos							
Nele Maheshwari Park		1				1.00		
Ramaiah Layout Park		1				1.00		
Ch:0.00 to 20.00m								
MEI Layout Part-4		1				1.00		
MEI Layout Part-5		1				1.00		
Present Qty						4.00		
Upto 125%						3.75	247380.00	927675.00
Above 125%						0.25	247380.00	61845.00

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Project Division, Dasarahalli Zone
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Work: Development of parks at Manjunathanagara Ramaiah layout and Soap factory Layout in Dasarahalli Zone ward No.14

Measurement :

Detailed Measurements

Description of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
Supply & fixing of Seated Chest Press (Area - 4'6" X 3' Height 7') : The chest press is heavy guage steel made up of 100mm NB MS pipes. The sub structure consists of 25 mm NB MS pipes and heavy duty rollers pivoted to one end and moveable up down on the other. The seats are made up of pressed FRP, and weighted machine built to support vigorous workout for up to 2 people. The Chest press supports and provides strength to the chest, arms, shoulders and back. The exercise can be done in repetitions by increasing the time gradually which help in building stamina. Maintenance - free self greased SKF ball bearings. The whole equipment is powder coated ---- All terms and conditions are as per tender document.								
Maheshwari Park		1				1.00		
Ramaiah Layout Park		1				1.00		
MEI Layout Part-4		1				1.00		
MEI Layout Part-5		1				1.00		
Present Qty						4.00		
Upto 125%						3.75	257355.00	965081.00
Above 125%						0.25	257355.00	64339.00

Contractor



Asst, Engineer

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Project Division, Dasarahalli Zone
BBMP, Bangalore

20.14

Development of parks at Manjunathanagara Ramalah layout and Soap factory Layout in Dasarahalli Zone ward No.14

Detailed Measurements						
Description of Item	Unit	No	Length	Breadth	Depth	Qty
Fixing of Children play Equipment Maxima N Swing : Inverted U Shape Structural Posts Of 114mm are To Be Schedule HOT DIP Galvanized Steel With 114 mm OD And 2.2mm Wall Thickness Toproll At Height 2.31m And Dia 114mm Shall Be An All Robotic Welded Unit of 114Q.D Plastic Components Such As Swing mmSwing Seats With Colour Molded In and Thickness Of 6-8mm The rates Are To Be Inclusive Of Supply And Installation At Site Inclusive of And Transportation Charges (Data Rate)						
		Nos				
Swami Park		1				
Layout Park		1				1.00
2.00m						1.00
					Present Qty	2.00
						188023.76
						376048.00

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Asst, Engineer

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